

# EC safetydata sheet

According to 1907/2006/EC, Article 31



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Chemical name/ Trade name: **Moersch Separol WA Developer**

1.2 Application/use: Photographic developer

### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Wolfgang Moersch Photochemie, Am Heideberg 48  
D 50354 Hürth, Germany

Telephone: ++49 22 33 943137

## SECTION 2: Hazards identification

- . 2.1 Classification of the substance or mixture
- . Classification according to Regulation (EC) No 1272/2008



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

- . Information concerning particular hazards for human and environment:  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- . Classification system:  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictogram



#### Hazard statement

H317 May cause an allergic skin reaction.

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## SECTION 3: Composition/information on ingredients

Name	Content	CAS	EINECS	CLASSIFICATION
1,4 DIHYDROXYBENZENE POTASSIUM SALT	15-20%	21799-87-1	244-584-7	not classified
POTASSIUM CARBONATE	25-30%	584-08-7	209-529-3	Xn R-22, 36
POTASSIUM BROMIDE	<1%	7758-02-3	231-830-3	Xn R-20/22, 36/37/38
SODIUM ISO ASCORBATE	15-20	6381-77-7	244-584-7	not classified
SODIUM SULPHITE	25-30%	7757-83-7	231-821-4	not classified

**Other information:** powder

## SECTION 4: First aid measures

**After breathing in:** None of special precautions required.  
**After skin contact:** at skin contact wash immediately with water and soap. Wash clothing before reuse.  
**After eye contact:** At eye contact open eyelids wash with water, then immediately consult an eye specialist.  
**After swallowing:** Consult eye specialist at eye irritation. Rinse out mouth with water and drink a lot of water afterwards

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing agents:  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### 5.2 Special hazards arising from the substance or mixture

Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Sulphur dioxide (SO<sub>2</sub>)  
Under certain fire conditions, traces of other toxic gases cannot be excluded.

**5.3 Advice for firefighters:** Protective equipment: Do not inhale explosion gases or combustion gases.

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### SECTION 6: Accidental release measures

<b>Person drawee</b>	Use personal protective clothing.
<b>Precautions:</b>	
<b>Environment protective measures:</b>	Don't let it drain into the sewage system/surface water/ground water.
<b>proceedings for cleaning/binding:</b>	liquid binding materials (e.g. sand, pebble sand sawdust, universal binding agents).
<b>Additional notes:</b>	Treat the taken material according to waste management section.

### SECTION 7: Handling and storage

<b>Indications for safe contact:</b>	At proper use none of special precautions required.
<b>Points on fire-and explosion protection:</b>	The product is not combustible.
<b>Requirements on storerooms and containers:</b>	None of special requirements necessary. Keep container tightly closed.
<b>Together storage notes:</b>	None of special precautions required.
<b>More details on Storage conditions:</b>	Recommended storage temperature: 10 to 25 C
<b>Store class:</b>	LGK 12 (VCI strategy)

### SECTION 8: Exposure controls/personal protection

<b>Additional indications for arrangement of technical plants:</b>	See section 7; no requirements going beyond this.
<b>Personal protection equipment:</b>	
<b>Breathing protection:</b>	Sufficient ventilation, no additional protection necessary.
<b>Hand protection:</b>	Gloves. Required qualities: Liquid proof.

### SECTION 9: Physical and chemical properties

<b>Form:</b>	<b>powder</b>
<b>Color:</b>	<b>white</b>
<b>Smell:</b>	Odourless.
<b>pH value:</b>	-
<b>Boiling-point/boiling area:</b>	100 C
<b>Melting point/glaze area:</b>	≤ 0 C
<b>Flaming point:</b>	Not applicable.
<b>Imflammatoriy/</b>	Not inflammable.
<b>Catching light temperature:</b>	
<b>Self flammability:</b>	Not self-flammable
<b>Fire promoting qualities:</b>	Not combustible.
<b>Danger of explosion:</b>	No danger of explosion.

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<b>Vapor pression:</b>	Remark: Corresponds to the vapor pression of water.
<b>Density:</b>	
<b>Pouring density:</b>	Not applicable.
<b>Solubility into water:</b>	Mixable.
<b>    in other solvents:</b>	No relevant data.
<b>Distribution coefficient n-Oktanol/water:</b>	No relevant data.
<b>Dynamic viscosity:</b>	no relevant data.
<b>other details:</b>	There are not further data.

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### SECTION 10: Stability and reactivity

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Dangerous reactions:** No dangerous reactions known

**Dangerous products of decomposition:** No dangerous decomposition products known

### SECTION 11: Toxicological information

#### Toxicological tests:

<b>Acute Toxicity:</b>	No relevant data
<b>Specific symptoms in this Animal experiment:</b>	No relevant data

**Irritation-/ etching effect:** The details refer to the technical active agents

<b>Skin:</b>	slightly irritating
<b>Eyes:</b>	strongly irritating
<b>Sensitization:</b>	Sensitization of skin is possible.
<b>Effect after repeated or longer continuous expose:</b>	Possibility of irreversible damage if swallowed.

<b>Other details:</b>	No further data.
<b>Experiences from the practice:</b>	No relevant data.
<b>General remarks:</b>	There are no toxicological data. The classification was carried out according the calculation proceedings of preparation guideline ( 88/379/EEC).

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### SECTION 12: Ecological information

**General notes:** No ecologically harmful ingredients.

Remarks: Does not reach by correct use into the waste water.

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### SECTION 13: Disposal considerations

**Waste treatment recommendation:** The local water-and waste regulations must be observed.

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## SECTION 14: Transport information

**ADR CLASS:** Not classified for transportation.  
**ROAD TRANSPORT NOTES:** Not classified for road transport  
**RAIL TRANSPORT NOTES:** Not classified for rail transport  
**SEA TRANSPORT NOTES:** Not classified for sea transport  
**AIR TRANSPORT NOTES:** Not classified for air transport

## SECTION 15: Regulatory information

**Identification by EC directives:** The product is classified and labeled according to EC guidelines No 1272 GHS label elements

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**R sentences:** R-36 Irritating to eyes. R-22 Harmful if swallowed

R-43 May cause sensitisation by skin contact.

**S sentences:** S-2 Keep out of reach of children.  
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S-36/37 Wear suitable protective clothing and gloves. S-46 If swallowed seek medical advice immediately and show this container label.

**ISSUED BY:** Wolfgang Moersch – Moersch-Photochemie  
++49 2233 943137 [info@moersch-photochemie.com](mailto:info@moersch-photochemie.com)

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